

AMENDMENTS TO THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below.

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-11 (Cancelled)

12. (Currently Amended) A transmission method for transmitting a plurality of streams in a multiplexed format, comprising:

generating, using a multiplexer device, a transmission stream through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service;

transmitting, using a transmitter, said transmission stream;

wherein said transmission stream has such a structure that a first burst for transmitting the first stream and a second burst for transmitting the second stream are located periodically in said transmission stream, said first burst and said second burst including content transmitted in batches in a period of time prior to a pause in transmission, and

wherein said third stream is carried in said first burst and also in said second burst, and

wherein each of said first burst and said second burst carries all information of the first service and the second service as carried in said third stream.

13. (Previously Presented) A transmission method as described in claim 12,

wherein said data for the first service is a high quality content data provided by said first service,

wherein said data for the second service is a high quality content data provided by said second service,

wherein said data related to the first service is a low quality content data provided by said first service, and

wherein said data related to the second service is a low quality content data provided by said second service.

14. (Previously Presented) A transmission method as described in claim 13,
wherein said high quality content data is data containing video data and audio data of the content.

15. (Previously Presented) A transmission method as described in claim 13,
wherein said low quality content data is data containing still image data and/or audio data related to the content.

16. (Previously Presented) A transmission method as described in claim 13,
wherein said low quality content data is data containing text data related to the content.

17. (Currently Amended) A transmission apparatus for transmitting a plurality of streams in a multiplexed format, comprising:

a multiplexer operable to generate a transmission stream through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service; and

a transmitter operable to transmit said transmission stream;

wherein said transmission stream has such a structure that a first burst for transmitting the first stream and a second burst for transmitting the second stream are located periodically in said transmission stream, said first burst and said second burst including content transmitted in batches in a period of time prior to a pause in transmission, and

wherein said third stream is carried in said first burst and also in said second burst, and

wherein each of said first burst and said second burst carries all information of the first service and the second service as carried in said third stream.

18. (Currently Amended) A receiving method for receiving a transmission stream having a plurality of streams in a multiplexed format, said transmission stream being formed, using a multiplexer device, through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service, said transmission stream having such a structure that a first burst for transmitting the first stream and a second burst for transmitting the second stream are located periodically in said transmission stream, said first burst and said second burst including content transmitted in batches in a period of time prior to a pause in transmission, and said third stream being carried in said first burst and also in said second burst, said receiving method comprising:

receiving said transmission stream, formed using the multiplexer device and transmitted using a transmitter, partially and selectively during a period at which the first burst or the second burst, being selected by a service recipient, is transmitted;

extracting said third stream from the first burst or the second burst being received, and storing the extracted third stream; and

presenting said third stream when the service recipient alters the receiving service from the first service presented by the first burst to the second service presented by the second burst, or vice versa,

wherein each of said first burst and said second burst carries all information of the first service and the second service as carried in said third stream.

19. (Currently Amended) A receiving apparatus for receiving a transmission stream having a plurality of streams in a multiplexed format, said transmission stream being formed through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service, said transmission stream having such a structure that a first burst for transmitting the first stream and a second burst for transmitting the second stream are located periodically in said transmission stream, said first burst and said second burst including content transmitted in batches in a period of time prior to a pause in transmission, and said third stream being carried in said first burst and also in said second burst, said receiving method comprising:

 a receiver operable to receive said transmission stream partially and selectively during a period at which the first burst or the second burst, being selected by a service recipient, is transmitted;

 an extractor operable to extract said third stream from the first burst or the second burst being received, and storing the extracted third stream; and

a presenting device operable to present said third stream when the service recipient alters the receiving service from the first service presented by the first burst to the second service presented by the second burst, or vice versa,

wherein each of said first burst and said second burst carries all information of the first service and the second service as carried in said third stream.